EXHIBIT 14



Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

1. Total requests filed since start of <i>Ex Parte</i> reexam on 07/01/81 ¹										14185
	a. By pat	ent owner							3954	27.9%
	b. by oth	er member o	f the public						10056	70.9%
	c. By ord	er of Commis	sioner						175	1.2%
2 Novemb	aar af Filima	والمنامة والمرام	_							
Z. Numi	_	s by discipline							2042	27 10/
		cal Operation							3843	27.1%
		cal Operation							5279	37.2%
		nical Operation	on						4790	33.8% 1.9%
d. Design Patents 273										
3. Annu	al <i>Ex Parte</i>	Reexam Filing	gs							
	Fiscal Yr.	. No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
	1981	78 (3 mos.)	1989	242	1997	380	2005	520	2013	305
	1982	187	1990	297	1998	348	2006	473	2014	355
	1983	186	1991	309	1999	391	2007	600	2015	244
	1984	189	1992	390	2000	312	2008	690	2016	222
	1985	230	1993	359	2001	295	2009	603	2017	191
	1986	232	1994	379	2002	272	2010	697	2018	187
	1987	240	1995	395	2003	394	2011	734	2019	163
	1988	269	1996	413	2004	436	2012	780	2020	198
4. Numl	ber known	to be in litigat	ion						5428	38.3%
5 Decis	ions on rea	uests ²								14185
3. 2 0.3	a. No. gra								13082	92.2%
	_) By examiner	-						12888	32.270
		By Director							194	
	b. No. de	-	(on pecicion)						1183	8.3%
) By examiner	-						1103	0.070
		Reexam vac							80	
					5					4405
6. Total		lenials (includ		versed by	/ Director)					1103
		owner reque							525	47.6% 52.4%
	·									

¹ Total decisions on requests does not include requests that have been vacated or are pending.

² The Director granted requests are only granted petitions on denial under 37 CFR 1.515.

³ Historic certificates were reviewed and the data in items 8-10 reflects the outcome of the review to the extent the data is available as of Oct

^{1, 2020}

7. Overall reexamination pendency (Filing date to certificate issue date)......

a. Average pendency

25.7 (mos.)

b. Median pendency

19.3 (mos.)

8. Reexam certificate claim analysis: ³	Owner Requester	3rd Party Requester		Overall	Numbers
a. Certificates with all claims confirmed	6%	14%	0%	20.9%	2672
b. Certificates with all claims canceled	3%	10%	0%	13.1%	1668
c. Certificates with claims changes	22%	44%	1%	66.0%	8424
9. Total ex parte reexamination certificates	issued (198	1 – present)		12764

10. Reexam claim analysis – requester is patent owner or 3rd party or Commissioner initiated.

a. Certificates – PATENT OWNER REQUESTER		3960
a. All claims confirmed	809	20.4%
b. All claims canceled	396	10.0%
c. Claims changed	2755	69.6%
b. Certificates – 3rd PARTY REQUESTER		8630
a. All claims confirmed	1846	21.4%
b. All claims canceled	1226	14.2%
c. Claims changed	5558	64.4%
c. Certificates – COMMISSIONER INITIATED REEXAM		174
a. All claims confirmed	17	9.8%
b. All claims canceled	46	26.4%
c. Claims changed	111	63.8%

¹ Total decisions on requests does not include requests that have been vacated or are pending.

² The Director granted requests are only granted petitions on denial under 37 CFR 1.515.

³ Historic certificates were reviewed and the data in items 8-10 reflects the outcome of the review to the extent the data is available as of Oct



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1. Total requests filed since start of Ex Parte reexam on 07/01/81										13987
a. E	By pate	ent owner							3919	28%
b. l	by oth	er member of	the public						9893	71%
c. E	By orde	er of Commiss	sioner						175	1%
	c									
2. Number of	_		2							9 7 ° ′
		cal Operation							3791	27%
		cal Operation							5214	37%
		nical Operation	on						4732	34% 2%
d. Design Patents 250										
3. Annual <i>Ex</i>	Parte	Reexam Filing	ξS							
Fis	scal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
1	1981	78 (3 mos.)	1989	242	1997	380	2005	520	2013	305
1	1982	187	1990	297	1998	348	2006	473	2014	355
1	1983	186	1991	309	1999	391	2007	600	2015	244
1	1984	189	1992	390	2000	312	2008	690	2016	222
1	1985	230	1993	359	2001	295	2009	603	2017	191
1	1986	232	1994	379	2002	272	2010	697	2018	187
1	1987	240	1995	395	2003	394	2011	734	2019	163
1	1988	269	1996	413	2004	436	2012	780		
4. Number la		a ha in litigat	ion						1938	14%
4. Number kr	nown t	o be in litigat	ion						1938	14%
5. Decisions of	on requ	uests ²								14130
a. 1	No. gra	inted							12905	91%
	(1)	By examiner							12718	
	(2)	By Director (on petition)						187	
b. 1	No. de	nied							1277	9%
	(1)	By examiner							1225	
	(2)	Reexam vaca	ated						52	
6. Total exam	niner d	enials (includ	es denials re	warsad hi	/ Director)					1226
		owner reque		verseu by	י שוו בכנטו ן	••••••	••••••		524	43%
		•								57%
b. Third party requester 702										31%

¹ Total decisions on requests does not include requests that have been vacated or are pending.

² The Director granted requests are only granted petitions on denial under 37 CFR 1.515.

7. Overall reexamination pendency (Filing date to certificate issue date)......

a. Average pendency 25.8 (mos.)
b. Median pendency 19.4 (mos.)

	Owner	3rd Party	Comm'r		
	Requester	Requester	Initiate	Overall	Numbers
a. Certificates with all claims confirmed	6%	15%	0%	20.7%	2480
b. Certificates with all claims canceled	3%	10%	0%	12.7%	1517
c. Certificates with claims changes	19%	46%	1%	66.6%	7983

9. Reexam claim analysis – requester is patent owner or 3rd party or Commissioner initiated.

requester is patent owner or sta party or comm	iissionei iinitia	ccu.
a. Certificates – PATENT OWNER REQUESTER		3325
a. All claims confirmed	693	21%
b. All claims canceled	300	9%
c. Claims changed	2332	70%
b. Certificates – 3rd PARTY REQUESTER		8481
a. All claims confirmed	1769	21%
b. All claims canceled	1170	14%
c. Claims changed	5542	65%
c. Certificates – COMMISSIONER INITIATED REEXAM		174
a. All claims confirmed	18	10%
b. All claims canceled	47	27%
c. Claims changed	109	63%

¹ Total decisions on requests does not include requests that have been vacated or are pending.



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1. Total requests file	ed since star	t of <i>Ex Parte</i>	e reexam	on 07/01/81					14005
a. By pate	ent owner							4137	30%
b. by othe	er member c	of the public						9825	70%
c. By orde	er of Commis	ssioner						43	0%
2. Number of Filings									
	al Operation							3782	27%
	al Operation							5270	38%
	nical Operati	ion						4717	34%
d. Design	Patents							236	2%
3. Annual <i>Ex Parte</i> 1	Reexam Filin	ıgs							
Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
1981	78 (3 mos.)	1989	242	1997	380	2005	520	2013	305
1982	187	1990	297	1998	348	2006	473	2014	355
1983	186	1991	309	1999	391	2007	601	2015	243
1984	189	1992	390	2000	312	2008	691	2016	225
1985	230	1993	359	2001	295	2009	605	2017	189
1986	232	1994	379	2002	272	2010	698	2018	189
1987	240	1995	395	2003	394	2011	736		
1988	269	1996	413	2004	436	2012	781		
4. Number known to	o be in litiga	tion		•••••		•••••	•	4731	34%
5. Decisions on requ	uests								13178
a. No. gra								12042	91%
(1)	By examine	r						11891	
(2)	By Director	(on petition	1)					151	
b. No. der	nied							1136	9%
(1)	By examine	r						1089	
(2)	Reexam vac	cated						47	
6. Total examiner de	enials (includ	des denials i	reversed	hy Director)					2272
	owner requ		cversea	by Directory		•••••		586	26%
	arty request							1686	74%
5. Timu p	,							1000	, 1,0
7. Overall reexamina	ation pende	ncy (Filing d	ate to ce	rtificate issue	date)				
a. Average	e pendency							27.7 (mos.)
b. Mediar	pendency							19.8 (mos.)

8. Reexam certificate claim analysis:	Owner Requester	3rd Party Requester	Comm'r Initiate		Overall		
a. All claims confirmed	6%	15%	0%		21%		
b. All claims canceled	3%	10%	0%		12%		
c. Claims changed	20%	47%	0%		67%		
Total ex parte reexamination certificate a. Certificates with all claims cor		81 – presen	t)	 2391	11403 21%		
					21% 12%		
b. Certificates with all claims canceled 1404 c. Certificates with claims changes 7608							
c. Certificates with claims chang	E 3			7008	67%		
10. Reexam claim analysis – requester is p	atent owne	r or 3rd par	ty or Comi	missioner i	nitiated.		
a. Certificates – PATENT OWNER	REQUESTE	R			3337		
a. All claims confirmed	t			690	21%		
b. All claims canceled				293	9%		
c. Claims changed				2313	69%		
b. Certificates – 3rd PARTY REQU	JESTER				8362		
a. All claims confirmed	t			1681	20%		
b. All claims canceled				1062	13%		
c. Claims changed				5174	62%		
c. Certificates – COMMISSIONER	RINITIATED	REEXAM			41		
a. All claims confirmed	d			2	5%		
b. All claims canceled				23	56%		
c. Claims changed				16	39%		



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1. Total	requests fil	ed since start	of Ex Parte	reexam	on 07/01/81					13641
	a. By pate	ent owner							3912	29%
	b. by oth	er member of	f the public						9686	71%
	c. By orde	er of Commis	sioner						43	0%
2 N	Cett	. 1 1 1								
2. Numi	_	s by dicipline							2670	270/
		cal Operation							3670	27%
		cal Operation							5148	38%
		nical Operation	on						4596	34%
	d. Design	Patents							227	2%
3. Annu	al <i>Ex Parte</i>	Reexam Filing	gs							
	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
	1981	78 (3 mos.)	1989	242	1997	380	2005	520	2013	305
	1982	187	1990	297	1998	348	2006	473	2014	355
	1983	186	1991	309	1999	391	2007	601	2015	243
	1984	189	1992	390	2000	312	2008	691	2016	219
	1985	230	1993	359	2001	295	2009	605	2017	191
	1986	232	1994	379	2002	272	2010	698		
	1987	240	1995	395	2003	394	2011	736		
	1988	269	1996	413	2004	436	2012	781		
4 Numb	or known t	o ho in litigat	ion						4648	34%
4. Mullik	Jei Kilowii t	o be ili illigat	1011	•••••	•••••	•••••	•••••	•	4040	34/0
5. Decis	ions on req	uests								13147
	a. No. gra	inted							12047	92%
	(1)	By examiner	•						11913	
	(2)	By Director (on petition	1)					134	
	b. No. de	nied							1100	8%
	(1)	By examiner	•						1054	
	(2)	Reexam vaca	ated						46	
6. Total	examiner d	enials (includ	es denials r	eversed l	by Director)					1056
		owner reque			., ,				494	47%
		arty requeste							562	53%
		, - 540.000	-							30,3
7. Overa	all reexamin	ation pender	ncy (Filing d	ate to ce	rtificate issue	date)				
	a. Averag	e pendency							26.4 (mos.)
	b. Mediai	n pendency							19.4 (mos.)

8. Reexam certificate claim analysis:	Owner Requester	3rd Party Requester	Comm'r Initiate		Overall		
a. All claims confirmed	6%	15%	0%		21%		
b. All calims cancled	3%	9%	0%		12%		
c. Claims changed	21%	46%	0%		67%		
Total ex parte reexamination certificate a. Certificates with all claims cor	-	81 – presen	t)	 2391	11403 21%		
b. Certificates with all claims car				1404	12%		
c. Certificates with claims changes 7608							
10. Reexam claim analysis – requester is p a. Certificates – PATENT OWNER		•	ty or Comi	missioner i	nitiated. 3296		
a. All claims confirmed	b			690	21%		
b. All calims cancled				293	9%		
c. Claims changed				2313	70%		
b. Certificates – 3rd PARTY REQU	JESTER				7917		
a. All claims confirmed	d			1681	21%		
b. All calims cancled				1062	13%		
c. Claims changed				5174	65%		
c. Certificates – COMMISSIONER	RINITIATED	REEXAM			41		
a. All claims confirmed	b			2	5%		
b. All calims cancled				23	56%		
c. Claims changed				16	39%		



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1. Total requests fi	iled since star	t of <i>Ex Parte</i>	e reexam	on 07/01/81.					13450
a. By pat	tent owner							3887	29%
b. by oth	ner member o	of the public						9520	71%
c. By ord	ler of Commis	ssioner						43	0%
2. Number of Filing	s hy dicipline								
	ical Operation							3632	27%
	ical Operation							5085	38%
	anical Operati							4521	34%
	n Patents							212	2%
3. Annual <i>Ex Parte</i>	Reexam Filin	ıøs							
Fiscal Yr		Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
1981	78 (3 mos.)		242	1997	380	2005	520	2013	305
1982	187	1990	297	1998	348	2006	473	2014	355
1983	186	1991	309	1999	391	2007	601	2015	243
1984	189	1992	390	2000	312	2008	691	2015	219
1985	230	1993	359	2001	295	2009	605		
1986	232	1994	379	2002	272	2010	698		
1987	240	1995	395	2003	394	2011	736		
1988	269	1996	413	2004	436	2012	781		
4. Number known	to be in litiga	tion						4350	32%
5. Decisions on rec	•							44025	12929
a. No. gr								11835	92%
•	.) By examine.) By Director		.1					11704 131	
b. No. de	•	(on petitioi	1)					1094	8%
	.) By examine	r						1048	0/0
•	:) Reexam vac							46	
`	,							_	
6. Total examiner	denials (includ	des denials i	reversed	by Director)					1048
a. Paten	t owner reque	ester						492	47%
b. Third	party request	er						556	53%
7. Overall reexami	nation pende	ncy (Filing d	ate to ce	rtificate issue	date)				
a. Avera	ge pendency							25.77 (mos.)
b. Media	an pendency							20.2 (mos.)

¹ Total decisions on requests does not include requests that have been vacated or are pending.

8. Reexam certificate claim analysis:	Owner	3rd Party	Comm'r				
	Requester	Requester	Initiate		Overall		
a. All claims confirmed	6%	15%	0%		21%		
b. All calims cancled	3%	9%	0%		12%		
c. Claims changed	21%	45%	0%		66%		
9. Total ex parte reexamination certificate	s issued (19	81 – presen	t)		10979		
a. Certificates with all claims cor	•	•	,	2337	21%		
b. Certificates with all claims car	nceled			1339	12%		
c. Certificates with claims changes 7303							
40. Barran daine and air ann adain		2			e de la composition della comp		
10. Reexam claim analysis – requester is p		•	y or Comr	nissioner			
a. Certificates – PATENT OWNER	•	K			3270		
a. All claims confirmed	d			685	21%		
b. All calims cancled				291	9%		
c. Claims changed				2294	70%		
b. Certificates – 3rd PARTY REQU	JESTER				7519		
a. All claims confirmed	d			1631	22%		
b. All calims cancled				999	13%		
c. Claims changed				4889	65%		
c. Certificates – COMMISSIONER	INITIATED	REEXAM			41		
a. All claims confirmed	d			2	5%		
b. All calims cancled				23	56%		
c. Claims changed				16	39%		

¹ Total decisions on requests does not include requests that have been vacated or are pending.



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1. Total re	quests fil	ed since start	of Ex Parte	reexam	on 07/01/81					13136
i	a. By pate	ent owner							3957	30%
	b. by oth	er member of	the public						9014	69%
(c. By orde	er of Commiss	sioner						165	1%
2 N	C ETT									
	_	s by dicipline							25.00	270/
		cal Operation							3569	27%
		cal Operation							5265	40%
		nical Operatio	on						4418	34%
(d. Design	Patents							220	2%
3. Annual	Ex Parte	Reexam Filing	gs							
	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
	1981	78 (3 mos.)	1989	243	1997	376	2005	524	2013	296
	1982	187	1990	297	1998	350	2006	511	2014	342
	1983	186	1991	307	1999	385	2007	643	2015	240
	1984	189	1992	392	2000	318	2008	680		
	1985	230	1993	359	2001	296	2009	658		
	1986	232	1994	379	2002	272	2010	780		
	1987	240	1995	392	2003	392	2011	759		
	1988	268	1996	418	2004	441	2012	787		
4 Number	r known t	o ho in litigat	ion						4819	37%
4. Number	i Kilowii t	o be ili illigat	1011	••••••			•••••		4019	37/0
5. Decision	ns on req	uests								12641
;	a. No. gra	anted							11623	92%
	(1)	By examiner							11492	
	(2)	By Director (on petition)					131	
	b. No. de	nied							1018	8%
	(1)	By examiner							980	
	(2)	Reexam vaca	ated						38	
6. Total ex	raminer d	enials (includ	es denials r	eversed l	by Director)					1118
		owner reque		everseu i	oy 211 ccco1,	••••••	•••••		496	44%
		arty requeste							622	56%
'	· · · · · · · · · · ·	a. c, . cqueste							022	30/0
		•	cy (Filing d	ate to ce	rtificate issue	date)				
	_	e pendency							26.5 (-
	b. Media	n pendency							19.6 (mos.)

¹ Total decisions on requests does not include requests that have been vacated or are pending.

8. Reexam certificate claim analysis:	Owner Requester	3rd Party Requester		ı	Overall
a. All claims confirmed	6%	15%	0%		21%
b. All calims cancled	3%	9%	0%		12%
c. Claims changed	21%	45%	1%		67%
9. Total ex parte reexamination certificate	•	81 – presen	t)		10951
a. Certificates with all claims cor				2331	21%
b. Certificates with all claims car				1334	12%
c. Certificates with claims chang	es			7286	67%
10. Reexam claim analysis – requester is p a. Certificates – PATENT OWNER		•	ty or Comi	missioner	initiated. 3268
a. All claims confirmed	k			685	21%
b. All calims cancled				291	9%
c. Claims changed				2292	70%
b. Certificates – 3rd PARTY REQU	JESTER				7513
a. All claims confirmed	t			1628	22%
b. All calims cancled				998	13%
c. Claims changed				4887	65%
c. Certificates – COMMISSIONER	INITIATED	REEXAM			170
a. All claims confirmed	t			18	11%
b. All calims cancled				45	26%
c. Claims changed				107	63%



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1. Total r	equests fi	led since star	t of <i>Ex Parte</i>	e reexam	on 07/01/81.					13217
	a. By pat	ent owner							3833	29%
	b. by oth	er member o	f the public						9217	70%
	c. By ord	ler of Commis	sioner						167	1%
	·									
2. Numb	_	gs by dicipline								
		ical Operation							3516	27%
	b. Electri	ical Operatior	1						5167	39%
	c. Mecha	anical Operati	on						4330	33%
	d. Desigr	n Patents							204	2%
3. Annua	ıl Ex Parte	Reexam Filin	gs							
	Fiscal Yr	. No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
	1981	78 (3 mos.)	1989	243	1997	376	2005	524	2013	305
	1982	187	1990	297	1998	350	2006	511	2014	343
	1983	186	1991	307	1999	385	2007	643		
	1984	189	1992	392	2000	318	2008	680		
	1985	230	1993	359	2001	296	2009	658		
	1986	232	1994	379	2002	272	2010	780		
	1987	240	1995	392	2003	392	2011	759		
	1988	268	1996	418	2004	441	2012	787		
4. Numb	er known	to be in litiga	tion	•••••					4362	33%
5. Decisio	ons on red	ıuests								12429
	a. No. gr	•							11402	92%
	_) By examine	r						11271	
	•) By Director		1)					131	
	b. No. de		(-	,					1027	8%
) By examine	r						990	
) Reexam vac							37	
6. Total e		=		eversed l	by Director)					1067
	a. Patent	t owner reque	ester						665	62%
	b. Third լ	party request	er						621	58%
7 Overa	ll reevamii	nation nende	ncv (Filing d	ate to cei	rtificate issue	date)				
7. Overa		ge pendency	iicy (i iiiig u	مدد دن دوا	tilleate 133de	autc j	•••••		22.3 (mos.)
b. Median pendency 15.9 (mos.)										
	D. IVICUIA	peridericy							13.5 (03.,

¹ Total decisions on requests does not include requests that have been vacated or are pending. 1/3

8. Reexam certificate claim analysis:	Owner Requester	3rd Party Requester			Overall
a. All claims confirmed	6%	15%	0%		22%
b. All calims cancled	3%	9%	0%		12%
c. Claims changed	1%		66%		
9. Total ex parte reexamination certificate	s issued (19	81 – presen	t)		10698
a. Certificates with all claims cor	nfirmed			2303	22%
b. Certificates with all claims car	nceled			1301	12%
c. Certificates with claims chang	es			7094	66%
10. Reexam claim analysis – requester is p		•	ty or Comi	missioner i	
a. Certificates – PATENT OWNER	•	К		COF	3256
a. All claims confirmed	1			685	21%
b. All calims cancled				289	9%
c. Claims changed				2282	70%
b. Certificates – 3rd PARTY REQU					7272
a. All claims confirmed	d			1600	22%
b. All calims cancled				967	13%
c. Claims changed				4705	65%
c. Certificates – COMMISSIONER		REEXAM			170
a. All claims confirmed	t			18	11%
b. All calims cancled		45	26%		
c. Claims changed				107	63%

¹ Total decisions on requests does not include requests that have been vacated or are pending.



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1. Total requests filed since start of Ex Parte reexam on 07/01/81	LXT	arte neez	(arriiria tioi		ata Septer	11001 30,	2013			
a. By patent owner b. by other member of the public c. By order of Cosmissioner 2. Number of Filings by dicipline a. Chemical Operation b. Electrical Operation c. Mechanical Operation c. Mechanical Operation c. Mechanical Operation d. Design Patents 3435 37% b. Electrical Operation c. Mechanical Operation c. Mechanical Operation d. Design Patents 5187 61981 78 (3 mos. 1989 243 1997 376 2005 524 2013 305 1981 1881 1982 187 1990 297 1998 350 2006 511 1982 187 1990 297 1998 350 2006 511 1983 186 1991 307 1999 385 2007 643 1984 189 1992 392 2000 318 2008 680 1985 1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1986 232 1994 379 2002 272 2010 780 1988 268 1996 418 2004 441 2012 787 1989 1988 268 1996 418 2004 441 2012 787 1989 1989 299 1988 2006 1988 268 1996 418 2004 441 2012 787 1989 1989 299 1988 2006 1989 2006 2009 658 1986 232 1994 379 2002 272 2010 780 1988 2006 1988 268 1996 418 2004 441 2012 787 1989 1989 299 1988 268 1996 418 2004 441 2012 787 1989 1989 299 1989 2006 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009 658 2009	1. Total requests file	d since sta	art of <i>Ex P</i>	arte reex	kam on 07/0	01/81				12874
B. by other member of the public c. By order of Commissioner 18874 169% 167 136	· ·					- ,			3833	
2. Number of Filings by dicipline a. Chemical Operation b. Electrical Operation c. Mechanical Operation c. Mechanical Operation d. Design Patents 3. Annual Ex Parte Reexam Filings Fiscal Yr. No Fiscal Yr. No Fiscal Yr. No Fiscal Yr. No 1981 18(3 mos. 1989 243 1997 376 2005 524 2013 305 1982 187 1990 297 1998 350 2006 511 1983 186 1991 307 1999 385 2007 643 1984 189 1992 392 2000 318 2008 680 1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1986 232 1994 379 2002 272 2010 780 1987 240 1995 392 2003 332 2011 759 1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation			of the pu	blic						
a. Chemical Operation b. Electrical Operation c. Mechanical Operation c. Mechanical Operation d. Design Patents Fiscal Yr. No Fiscal Yr. No Fiscal Yr. No Fiscal Yr. No 1981 78 (3 mos. 1989 243 1997 376 2005 524 2013 305 1982 1877 1990 297 1998 350 2006 511 1983 186 1991 307 1999 385 2007 643 1984 189 1992 392 2000 318 2008 680 1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1988 268 1994 379 2002 272 2010 780 1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation	•		•						167	
a. Chemical Operation b. Electrical Operation c. Mechanical Operation c. Mechanical Operation d. Design Patents 3435 37% 30%	,									
S. Electrical Operation 1998 33% 1998 19	2. Number of Filings	by diciplin	ne							
C. Mechanical Operation d. Design Patents Fiscal Yr. No	a. Chemica	l Operati	on						3435	27%
3. Annual Ex Parte Reexam Filings Fiscal Yr. No Fiscal Yr	b. Electrica	al Operati	on						5001	39%
Second Fiscal Yr. No Fiscal Yr. Proposition Proposition Proposition Proposition Fiscal Yr. Proposition Proposit	c. Mechan	ical Opera	ation						4234	33%
Fiscal Yr. No	d. Design F	Patents							204	2%
Fiscal Yr. No	2 Annual Ev Parte R	oovam Fil	lings							
1981 78 (3 mos. 1989 243 1997 376 2005 524 2013 305			_	No	Fiscal Yr	No	Fiscal Yr	No	Fiscal Yr	No
1982 187 1990 297 1998 350 2006 511 1983 186 1991 307 1999 385 2007 643 1984 189 1992 392 2000 318 2008 680 1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1987 240 1995 392 2003 392 2011 759 1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation										
1983 186 1991 307 1999 385 2007 643 1984 189 1992 392 2000 318 2008 680 1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1987 240 1995 392 2003 392 2011 759 1988 268 1996 418 2004 441 2012 787		· ·							2013	303
1984 189 1992 392 2000 318 2008 680 1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1987 240 1995 392 2003 392 2011 759 1988 268 1996 418 2004 441 2012 787 4167 32% 4. Number known to be in litigation										
1985 230 1993 359 2001 296 2009 658 1986 232 1994 379 2002 272 2010 780 1987 240 1995 392 2003 392 2011 759 1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation										
1986 232 1994 379 2002 272 2010 780 1987 240 1995 392 2003 392 2011 759 1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation										
1987 240 1995 392 2003 392 2011 759 1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation										
1988 268 1996 418 2004 441 2012 787 4. Number known to be in litigation										
5. Decisions on requests										
5. Decisions on requests										
a. No. granted (1) By examiner (2) By Director (on petition) 122 b. No. denied (1) By examiner (2) Reexam vacated 6. Total examiner denials (includes denials reversed by Director)	4. Number known to	be in litig	gation						4167	32%
a. No. granted 11013 92% (1) By examiner 10891 (2) By Director (on petition) 122 b. No. denied 1003 8% (1) By examiner 968 (2) Reexam vacated 35 6. Total examiner denials (includes denials reversed by Director) 1067 a. Patent owner requester 498 47% b. Third party requester 606 57% 7. Overall reexamination pendency (Filing date to certificate issue date) a. Average pendency 27.8 (mos.)										
(1) By examiner (2) By Director (on petition) 122 b. No. denied 1003 8% (1) By examiner 968 (2) Reexam vacated 35 6. Total examiner denials (includes denials reversed by Director)	5. Decisions on requ	ests								12016
(2) By Director (on petition) b. No. denied (1) By examiner (2) Reexam vacated 6. Total examiner denials (includes denials reversed by Director) a. Patent owner requester 498 47% b. Third party requester 7. Overall reexamination pendency (Filing date to certificate issue date) a. Average pendency 27.8 (mos.)	a. No. gran	ited							11013	92%
b. No. denied (1) By examiner (2) Reexam vacated 6. Total examiner denials (includes denials reversed by Director)	(1) (By examir	ner						10891	
(1) By examiner (2) Reexam vacated 35 6. Total examiner denials (includes denials reversed by Director)		-	or (on peti	tion)						
(2) Reexam vacated 6. Total examiner denials (includes denials reversed by Director)	b. No. den	ied								8%
6. Total examiner denials (includes denials reversed by Director)									968	
a. Patent owner requester b. Third party requester 606 57% 7. Overall reexamination pendency (Filing date to certificate issue date) a. Average pendency 27.8 (mos.)	(2) 1	Reexam v	acated						35	
a. Patent owner requester b. Third party requester 606 57% 7. Overall reexamination pendency (Filing date to certificate issue date) a. Average pendency 27.8 (mos.)	6. Total examiner de	nials (incl	udes denia	als rever	sed by Direc	rtor)				1067
b. Third party requester 7. Overall reexamination pendency (Filing date to certificate issue date) a. Average pendency 27.8 (mos.)		-				,			498	
7. Overall reexamination pendency (Filing date to certificate issue date) a. Average pendency 27.8 (mos.)		•								
a. Average pendency 27.8 (mos.)	2 3 pa	,,								3.,0
a. Average pendency 27.8 (mos.)	7. Overall reexamina	tion pend	dency (Filir	ng date to	o certificate	issue da	te)			
b. Median pendency 20.1 (mos.)									27.8	(mos.)
	b. Median	pendency	/						20.1	(mos.)

¹ Total decisions on requests does not include requests that have been vacated or are pending.

8. Reexam certificate claim analysis:	Owner Requeste	3rd Party Requeste		(Overall			
a. All claims confirmed	6%	15%	0%		21%			
b. All calims cancled	3%	8%	0%		11%			
c. Claims changed		62%						
9. Total ex parte reexamination certification		9991						
a. Certificates with all claims confirmed 2241								
a. Certificates with all claims confirmed 2241 b. Certificates with all claims canceled 1205								
c. Certificates with claims cha	anges			6545	66%			
10. Reexam claim analysis – requester i	s patent c	owner or 3r	d party or Co	mmissio	ner initiated.			
a. Certificates – PATENT OWN	NER REQU	ESTER			3279			
a. All claims confirm	ned			682	21%			
b. All calims cancle	d			283	9%			
c. Claims changed				2239	68%			
b. Certificates – 3rd PARTY RE	EQUESTER				7174			
a. All claims confirm	ned			1541	21%			
b. All calims cancle	d			882	12%			
c. Claims changed 4201								
c. Certificates – COMMISSIONER INITIATED REEXAM								
a. All claims confirn	ned			18	11%			
b. All calims cancle	d			40	24%			
c. Claims changed 105								

11/25/2013 2/2

¹ Total decisions on requests does not include requests that have been vacated or are pending.



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1. Total requ	ests file	d since start	of <i>ex part</i>	e reexam oi	n 07/01/81.			12569
a.	By pate	nt owner					3872	31%
b.	by othe	er member o	f the publ	ic			8532	68%
C.	By orde	er of Commis	sioner				165	1%
2. Number a.	Chemic	al Operation	1				3373	27%
b.	Electric	al Operation	1				4831	38%
C.	Mechar	nical Operati	on				4178	33%
d.	Design	Patents					187	1%
3. Annual <i>Ex</i>	Darta D	ooyam Eiling	c					
	scal Yr.	No	s Fiscal Yr.	No	Fiscal Yr.	No	Fiscal Yr.	No
''	1981	78 (3 mos.)		243	1997	376	2005	524
	1982	187	1990	243 297	1998	350	2005	511
	1983	186	1991	307	1999	385	2007	643
	1984	189	1991	392	2000	318	2007	680
	1985	230	1993	359	2000	296	2009	658
	1986	232	1993	379	2001	290 272	2010	780
	1987	232	1995	392	2002	392	2010	759
	1988	268	1996	418	2003	392 441	2011	739 788
	1300	200	1330	410	2004	441	2012	700
4. Number kı	nown to	be in litigati	on				3994	32%
5. Decisions	•							11737
a.		nted			•••••	•••••	10755	92%
	-) By examine					10762	
	-) By Director		-			122	
b.		nied					982	8%
	-) By examine					961	
	•) Reexam va					35	
6. Total exam	niner dei	nials (include	es denials	reversed by	/ Director)			1078
		owner reque					496	46%
b.	Third p	arty request	er				582	54%
7. Overall ree	examina	tion penden	cy (Filing o	date to cert	ificate issue	date)		
		e pendency	- / (27.9	(mos.)
	_	pendency					20.5	(mos.)
ν.								(

8. Reexam certificate claim analysis:	Owner Requeste	3rd Party r Requester			Overall				
a. All claims confirmed	21%	22%	11%		21%				
b. All calims cancled	8%	12%	24%		11%				
c. Claims changed 71% 66% 65%									
9. Total ex parte reexamination certificates	issued (198	31 – present)		9328				
a. Certificates with all claims cor		•	•	2029	22%				
b. Certificates with all claims car	b. Certificates with all claims canceled 1063								
c. Certificates with claims changes 6236									
10. Reexam claim analysis – requester is pa	tent owner	or 3rd party	v or Commis	sioner init	iated.				
a. Certificates – PATENT OWNER		•	,		3176				
a. All claims confirme	ed			669	21%				
b. All calims cancled				280	9%				
c. Claims changed				2227	70%				
b. Certificates – 3rd PARTY REQU	JESTER				6026				
a. All claims confirme	ed			1348	22%				
b. All calims cancled				745	12%				
c. Claims changed 3933									
c. Certificates – COMMISSIONER	RINITIATED	REEXAM			164				
a. All claims confirme	ed			18	11%				
b. All calims cancled 38									
c. Claims changed				108	66%				



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1.	Total requ	uests filed sinc	ce start of e.	x parte	reexam on 0	7/01/81.	•••••		117821
	b. By	patent owner other member order of Com	r of public missioner				3801 7815 166		33% 66% 1%
2.	Number o	of filings by di	scipline						
	b. Ele c. Me	emical Operatectrical Operatechanical Operatec	ion				3211 4405 3987 179	7	27% 37% 34% 2%
3.	Annual E	x Parte Reexa	m Filings						
	Fiscal Yr. 1981 1982 1983 1984 1985 1986 1987 1988	No. 78 (3 mos.) 187 186 189 230 232 240 268	Fiscal Yr. 1989 1990 1991 1992 1993 1994 1995 1996	No. 243 297 307 392 359 379 392 418	Fiscal Yr. 1997 1998 1999 2000 2001 2002 2003 2004	No. 376 350 385 318 296 272 392 441	Fiscal Yr. 2005 2006 2007 2008 2009 2010 2011	No. 524 511 643 680 658 780 759	
4.	Number k	known to be in	litigation.		•••••				33%
5.	Decisions	s on requests						• • • • • • • • • • • • • • • • • • • •	11262
	a. No. g	ranted					10333.		92%
		By examiner By Director (or	n petition)				10213 120		
	b. No. de	enied					929.		8%
		By examiner Reexam vacate	d				894 35		

¹Of the requests received in FY 2011, 22 requests have not yet been accorded a filing date, and preprocessing of 35 requests was terminated for failure to comply with the requirements of 37 CFR 1.510. See Clarification of Filing Date Requirements for *Ex Parte* and *Inter Partes* Reexamination Proceedings, Final Rule, 71 Fed. Reg. 44219 (August 4, 2006).

6.	To	tal examiner denials (includes denials	s reversed by	Director)		1014
		Patent owner requester Third party requester			476 538	47% 53%
7.	Ov	erall reexamination pendency (Filing	date to certif	ficate issue da	te)	
	a. b.	Average pendency Median pendency			25.6 (mos.) 19.9 (mos.)	
8.	Red	exam certificate claim analysis:	Owner Requester	3 rd Party Requester	Comm'r Initiated	<u>Overall</u>
	a. b. c.	All claims cancelled	21% 9% 70%	24% 12% 64%	11% 23% 66%	23% 11% 66%
9.	Tot	tal ex parte reexamination certificates	s issued (1981	– present)		8578
	a. b. c.	Certificates with all claims confirmed Certificates with all claims canceled Certificates with claims changes			1943 974 5661	23% 11% 66%
10.	Re	exam claim analysis – requester is pa	atent owner o	r 3 rd party or C	Commissioner in	itiated.
	a.	Certificates – PATENT OWNER R	EQUESTER			3040
		 All claims confirmed All claims canceled Claim changes 			651 264 2125	21% 9% 70%
	b.	Certificates – 3 rd PARTY REQUES	STER			5380
		 All claims confirmed All claims canceled Claim changes 			1274 674 3432	24% 12% 64%
	c.	Certificates – COMMISSIONER IN	NITIATED RI	EEXAM		158
		 All claims confirmed All claims canceled Claim changes 			18 36 104	11% 23% 66%



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1.	Total requ	ests filed sinc	e start of e.	x parte	reexam on 0	7/01/81.			11023 ¹
	b. By	patent owner other member order of Com	of public missioner				3697 7161 165		34% 65% 1%
2.	Number o	f filings by di	scipline						
	b. Elec c. Me	emical Operat ctrical Operat chanical Oper sign Patents	ion ion ration				3068 4010 3771 174		28% 36% 34% 2%
3.	Annual Ex	x Parte Reexa	m Filings						
	Fiscal Yr. 1981 1982 1983 1984 1985 1986 1987 1988	No. 78 (3 mos.) 187 186 189 230 232 240 268	Fiscal Yr. 1989 1990 1991 1992 1993 1994 1995 1996	No. 243 297 307 392 359 379 392 418	Fiscal Yr. 1997 1998 1999 2000 2001 2002 2003 2004	No. 376 350 385 318 296 272 392 441	Fiscal Yr. 2005 2006 2007 2008 2009 2010	No. 524 511 643 680 658 780	
4.	Number k	nown to be in	litigation.			• • • • • • • • • • • • • • • • • • • •	3568.		32%
5.	Decisions	on requests							10495
	a. No. gr	anted					9648.	• • • • • • • • • •	92%
		y examiner y Director (or	n petition)				9534 114		
	b. No. de	enied		• • • • • • • •			847.		8%
		y examiner eexam vacate	d				812 35		

¹Of the requests received in FY 2010, 16 requests have not yet been accorded a filing date, and preprocessing of 80 requests was terminated for failure to comply with the requirements of 37 CFR 1.510. See Clarification of Filing Date Requirements for *Ex Parte* and *Inter Partes* Reexamination Proceedings, Final Rule, 71 Fed. Reg. 44219 (August 4, 2006).

6.	To	tal examiner denials (includes denials	s reversed by	Director)		926
		Patent owner requester Third party requester			451 475	49% 51%
7.	Ov	erall reexamination pendency (Filing	date to certif	ficate issue da	te)	
	a. b.	Average pendency Median pendency			25.5 (mos.) 20.0 (mos.)	
8.	Rec	exam certificate claim analysis:	Owner Requester	3 rd Party Requester	Comm'r Initiated	Overall
	a. b. c.		22% 8% 70%	25% 13% 62%	12% 23% 65%	23% 12% 65%
9.	Tot	tal ex parte reexamination certificates	s issued (1981	– present)		7782
	a. b. c.	Certificates with all claims confirmed Certificates with all claims canceled Certificates with claims changes			1817 893 5072	23% 12% 65%
10.	Re	exam claim analysis – requester is pa	atent owner o	r 3 rd party or 0	Commissioner in	itiated.
	a.	Certificates – PATENT OWNER R	EQUESTER			2947
		 All claims confirmed All claims canceled Claim changes 			638 251 2058	22% 8% 70%
	b.	Certificates – 3 rd PARTY REQUES	TER			4681
		(1) All claims confirmed(2) All claims canceled(3) Claim changes			1161 607 2913	25% 13% 62%
	c.	Certificates – COMMISSIONER IN	NITIATED R	EEXAM		154
		 All claims confirmed All claims canceled Claim changes 			18 35 101	12% 23% 65%



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1.	Total requests filed since start of <i>ex parte</i> reexam on 07/01/81.		. 102431		
	a. By patent ownerb. By other member of publicc. By order of Commissioner	3634 6444 165	35% 63% 2%		
2.	Number of filings by discipline				
	a. Chemical Operationb. Electrical Operationc. Mechanical Operationd. Design Patents	2931 3596 3554 162	29% 35% 34% 2%		
3.	Annual Ex Parte Reexam Filings				
	Fiscal Yr. No. Fiscal Yr. No. Fiscal Yr. No. 1981 78 (3 mos.) 1989 243 1997 376 1982 187 1990 297 1998 350 1983 186 1991 307 1999 385 1984 189 1992 392 2000 318 1985 230 1993 359 2001 296 1986 232 1994 379 2002 272 1987 240 1995 392 2003 392 1988 268 1996 418 2004 441	Fiscal Yr. No. 2005 524 2006 511 2007 643 2008 680 2009 658			
4.	Number known to be in litigation	3221	31%		
5.	Decisions on requests		9833		
	a. No. granted	9041	92%		
	(1) By examiner(2) By Director (on petition)	8928 113			
	b. No. denied	792	8%		
	(1) By examiner(2) Reexam vacated	757 35			

¹Of the requests received in FY 2009, 22 requests have not yet been accorded a filing date, and preprocessing of 41 requests was terminated for failure to comply with the requirements of 37 CFR 1.510. See Clarification of Filing Date Requirements for *Ex Parte* and *Inter Partes* Reexamination Proceedings, Final Rule, 71 Fed. Reg. 44219 (August 4, 2006).

6.	Total examiner denials (includes denials reversed by Director)					870
		Patent owner requester Third party requester			445 425	51% 49%
7.	Ov	Overall reexamination pendency (Filing date to certificate issue date)				
	a. b.	Average pendency Median pendency			25.2 (mos.) 19.7 (mos.)	
8.	Ree	exam certificate claim analysis:	Owner Requester	3 rd Party Requester	Comm'r Initiated	<u>Overall</u>
	a. b. c.	All claims confirmed All claims cancelled Claims changes	22% 8% 70%	26% 13% 61%	12% 23% 65%	25% 11% 64%
9.	Total <i>ex parte</i> reexamination certificates issued (1981 – present)					7089
	a. b. c.	Certificates with all claims confirmed Certificates with all claims canceled Certificates with claims changes			1725 807 4557	25% 11% 64%
10.	Reexam claim analysis – requester is patent owner or 3 rd party or Commissioner initiated.					itiated.
	a. Certificates – PATENT OWNER REQUESTER				2827	
		 All claims confirmed All claims canceled Claim changes 			625 233 1969	22% 8% 70%
	b. Certificates – 3 rd PARTY REQUESTER				4111	
		(1) All claims confirmed(2) All claims canceled(3) Claim changes			1082 540 2489	26% 13% 61%
	c.	c. Certificates – COMMISSIONER INITIATED REEXAM151				151
		 All claims confirmed All claims canceled Claim changes 			18 34 99	12% 23% 65%



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1.	Total requests filed since start of ex partes reexam on 07/01/8	1	9585 ¹
	a. By patent ownerb. By other member of publicc. By order of Commissioner	3567 5853 165	37% 61% 2%
2.	Number of filings by discipline		
	a. Chemical Operationb. Electrical Operationc. Mechanical Operationd. Design Patents	2811 3261 3357 156	29% 34% 35% 2%
3.	Annual Ex Parte Reexam Filings		
	Fiscal Yr. No. Fiscal Yr. No. Fiscal Yr. No. 1981 78 (3 mos.) 1989 243 1997 376 1982 187 1990 297 1998 350 1983 186 1991 307 1999 385 1984 189 1992 392 2000 318 1985 230 1993 359 2001 296 1986 232 1994 379 2002 272 1987 240 1995 392 2003 392 1988 268 1996 418 2004 441	Fiscal Yr. No. 2005 524 2006 511 2007 643 2008 680	
4.	Number known to be in litigation	2849	30%
5.	Decisions on requests		9219
	a. No. granted	8467	92%
	(1) By examiner(2) By Director (on petition)	8354 113	
	b. No. denied	752	8%
	(1) By examiner(2) Reexam vacated	717 35	

¹Of the requests received in FY 2008, 7 requests have not yet been accorded a filing date, and preprocessing of 15 requests was terminated for failure to comply with the requirements of 37 CFR 1.510. See Clarification of Filing Date Requirements for *Ex Parte* and *Inter Partes* Reexamination Proceedings, Final Rule, 71 Fed. Reg. 44219 (August 4, 2006).

6.	Total examiner denials (includes denials reserved by Director)				830	
		Patent owner requester Third party requester			441 389	53% 47%
7.	Ov	verall reexamination pendency (Filing date to certificate issue date)				
	a. b.	Average pendency Median pendency			24.5 (mos.) 19.0 (mos.)	
8.	Ree	exam certificate claim analysis:	Owner <u>Requester</u>	3 rd Party Requester	Comm'r Initiated	<u>Overall</u>
	a. b. c.		22% 8% 70%	28% 13% 59%	12% 21% 67%	25% 11% 64%
9.	Tot	al ex parte reexamination certificates	s issued (1981	– present)	•••••	6457
	a. b. c.	. Certificates with all claims canceled			1624 721 4112	25% 11% 64%
10.	Re	Reexam claim analysis – requester is patent owner or 3 rd party; or Comm'r initiated.				ed.
	a.	Certificates – PATENT OWNER REQUESTER				
		(1) All claims confirmed(2) All claims canceled(3) Claim changes			611 214 1897	22% 8% 70%
	b. Certificates – 3 rd PARTY REQUESTER			3588		
		(1) All claims confirmed(2) All claims canceled(3) Claim changes			995 476 2117	28% 13% 59%
	c.	Certificates – COMM'R INITIATED REEXAM				147
		 All claims confirmed All claims canceled Claim changes 			18 31 98	12% 21% 67%